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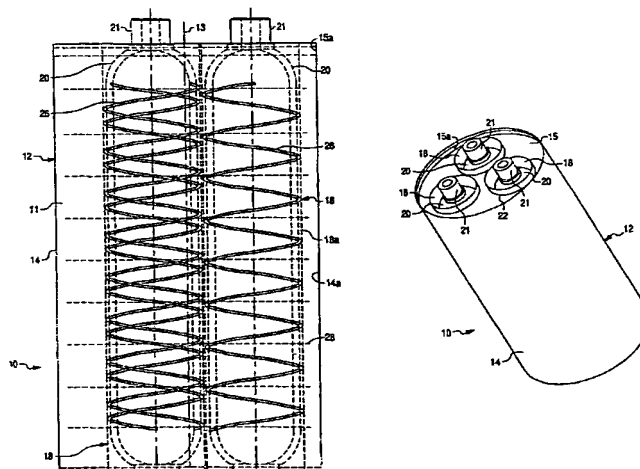
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(54) Title: PRESSURE VESSEL ASSEMBLY FOR INTEGRATED PRESSURIZED FLUID SYSTEM



(57) Abstract: A pressure vessel assembly for a pressurized fluid system, comprises an enclosed outer casing, at least one internal tube extending within the casing, at least one fluid accumulator disposed within the at least one internal tube, and at least one cooling passage provided within the at least one internal tube and defined by a clearance between the at least one hydraulic fluid accumulator and the at least one internal tube. The pressure vessel assembly further includes a fluid storage compartment formed between the outer casing and the at least one internal tube. The fluid storage compartment is at least partially filled with a working fluid. The pressurized fluid system also includes a cooling fan allowing forced airflow through the cooling passage for forced cooling of the at least one hydraulic fluid accumulator and the working fluid in the storage compartment of the pressure vessel assembly.

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